

15721 agtttttct taaatggtat aatatccagt atgaagtatt actgaattg agtaatcatt
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agcca[agatg gccgaatagg aacag]ctccg gtctacagct cccagcgtga 14892

Beginning of L1 5'
regulatory region

Figure 1. Primer pairs for PCR amplification of the L1 element at 184.5M from pte1 on chromosome 1q. Nucleotides 15,721 to 14,892 of BAC clone AL162431 were analyzed to identify nt sequences of primary 5' and 3' PCR primers (solid lines) and secondary nested 5' and 3' primers (dotted lines), shown bracketed, for amplification of a chromosomal segment that is specific to the chromosome 1q location 5' to the L1 sequence, along with the adjacent 5' regulatory region of the L1 element. 5' primary and secondary nested primers are identical to the indicated sequences. 3' primary and secondary nested primers are complementary to the indicated sequences.

1067217025001

Figure 2.

Expression of Full Length L1 Elements on Chromosome 1

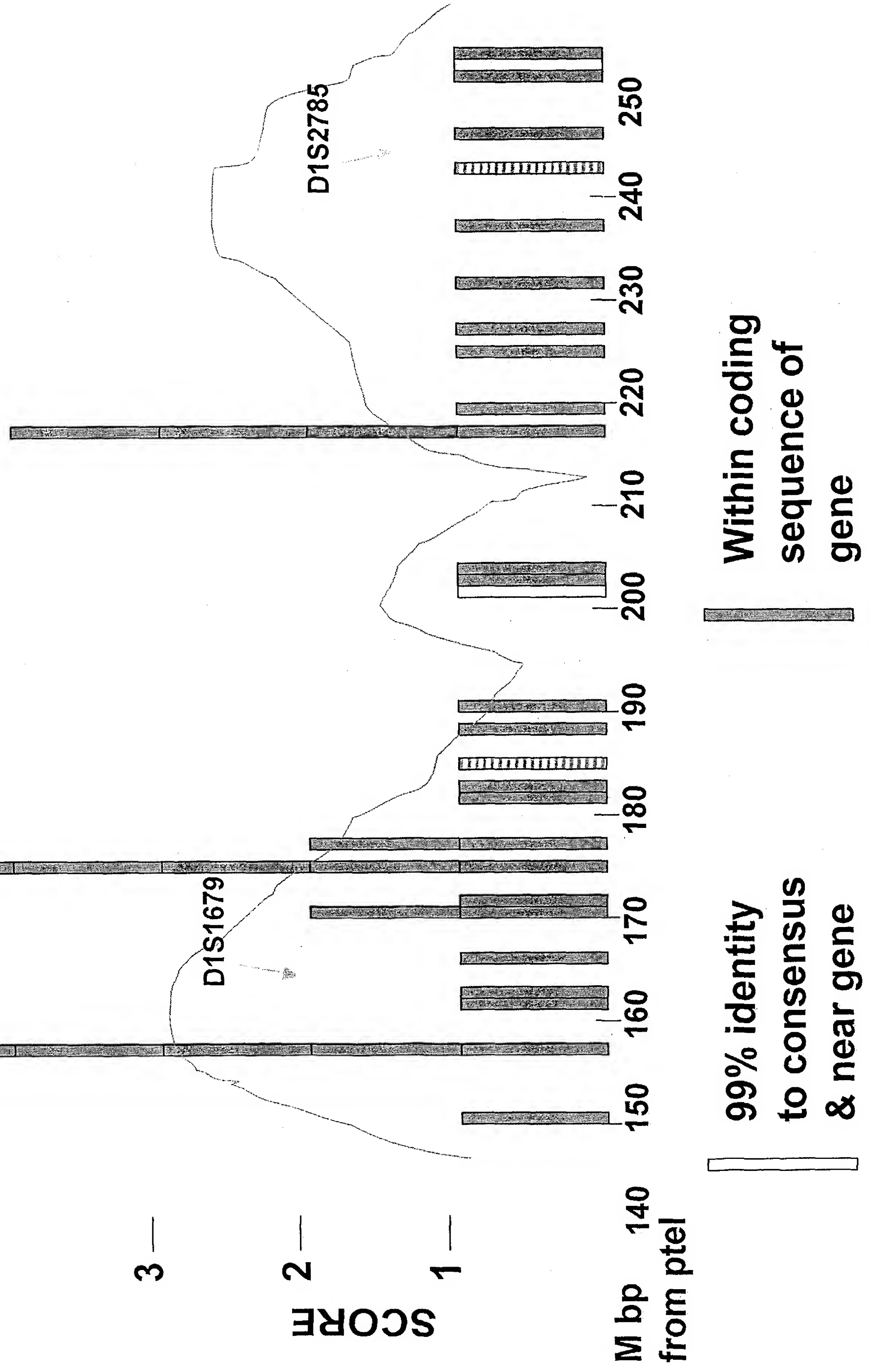


Figure 3.

Expression of Full Length L1 Elements on Chromosome 16

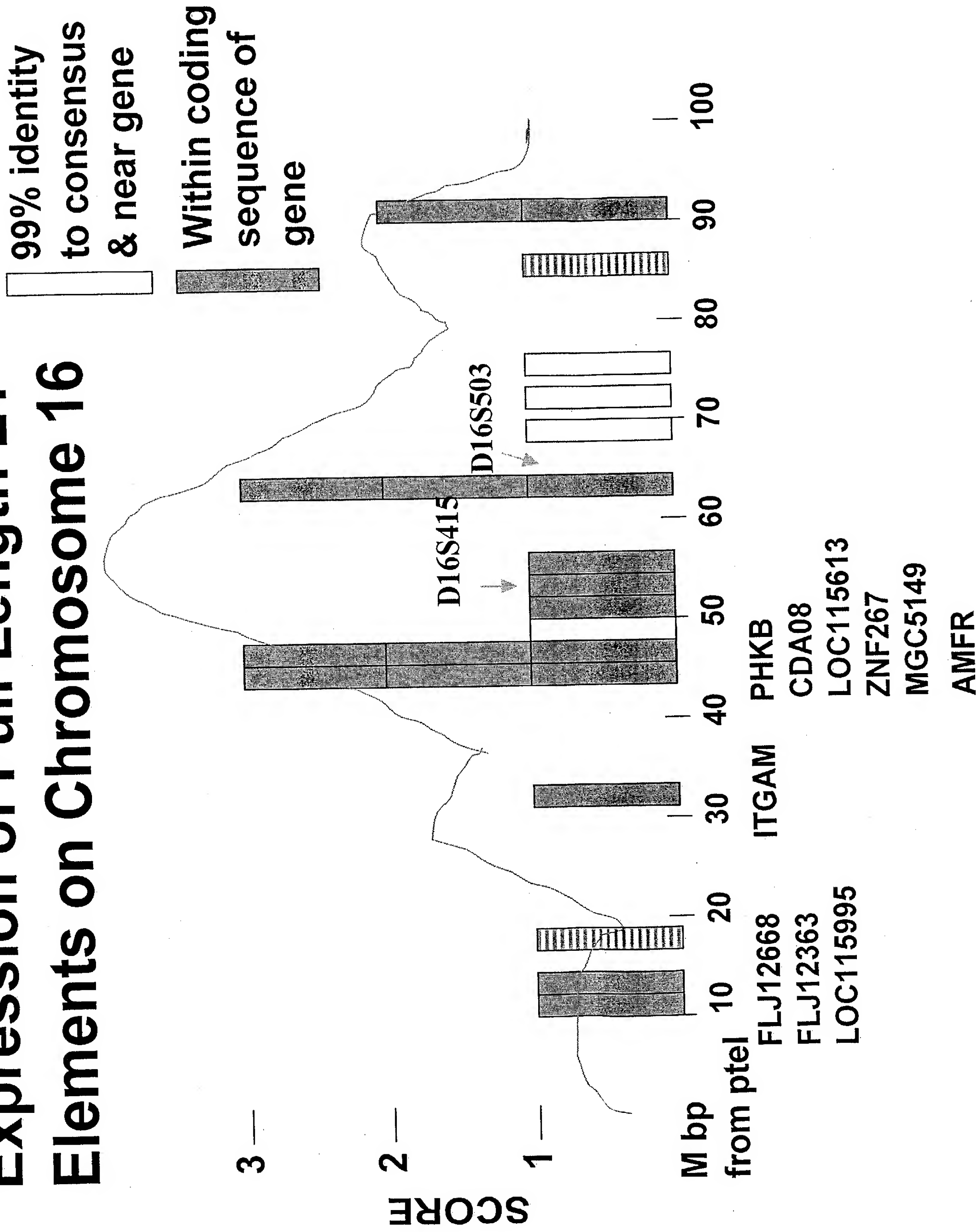
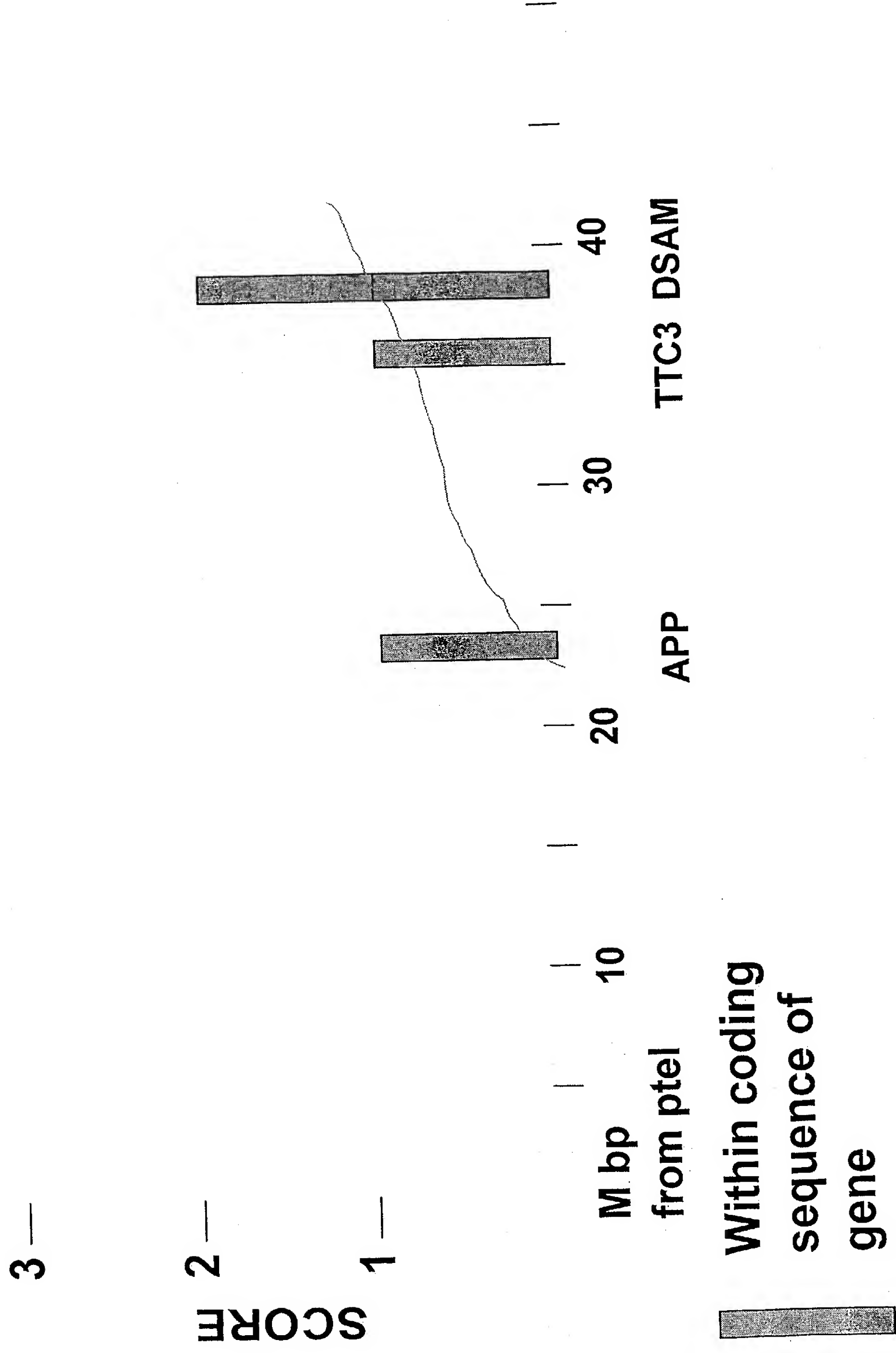


Figure 4.

Expression of Full Length L1 Elements on Chromosome 21



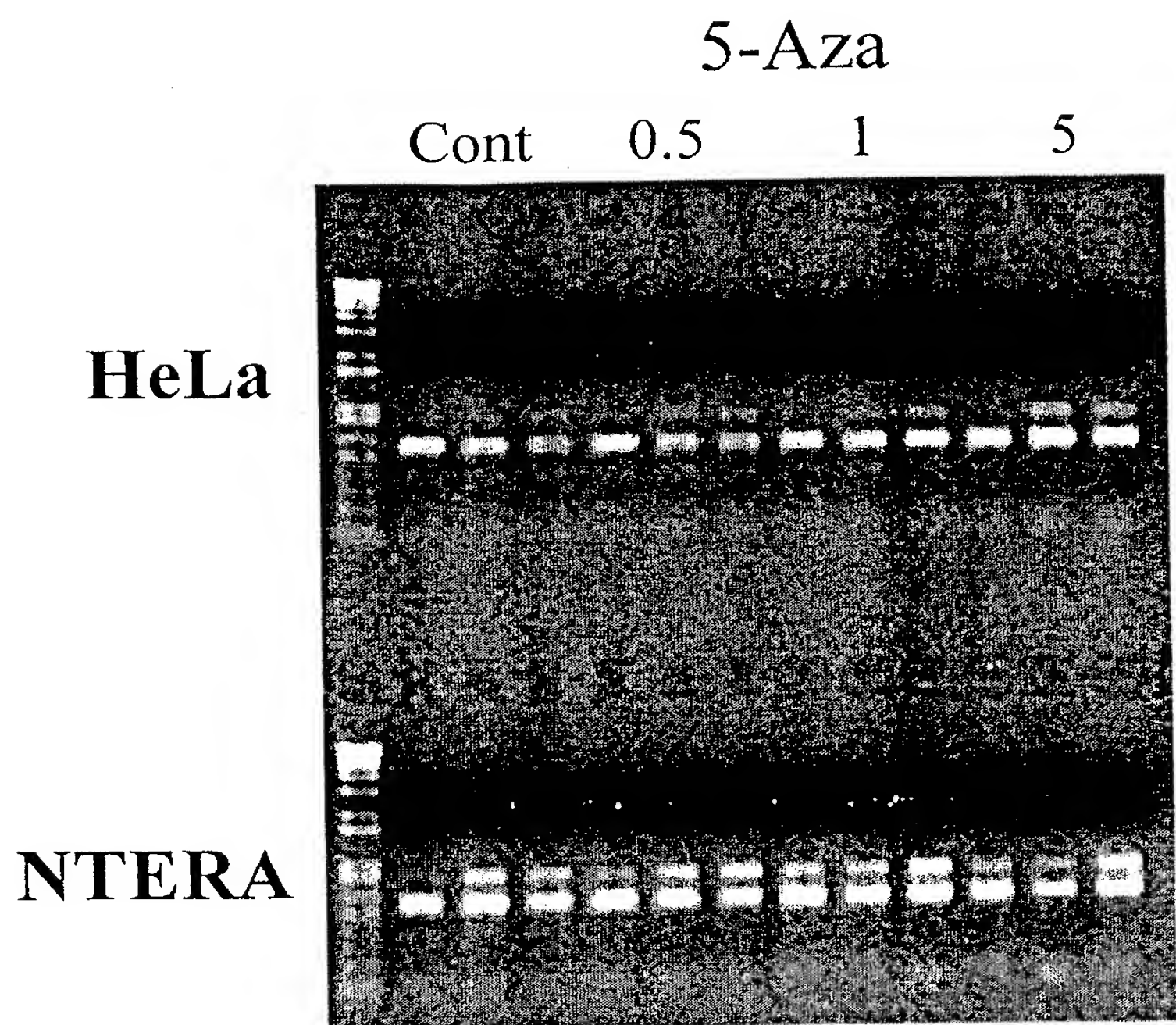


FIGURE 5

5-Aza		
1	2	3
95 kD		
40 kD		
NTERA RNP Fraction	NTERA Total Cell Extract	HeLa RNP Fraction

40 kD

FIGURE 6A

5-Aza

1 2

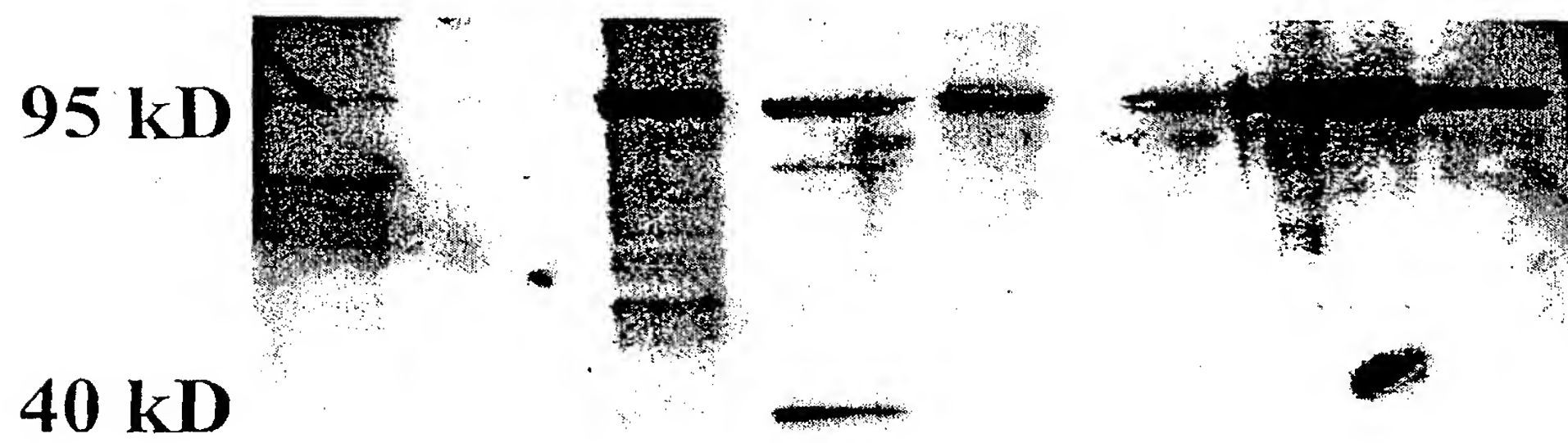
95 kD —————

40 kD

SLE	SLE
T-Cells	Non-T
	Cells

FIGURE 6B

106103T 1025200F



T Non-T T Non-T T Non-T T Non-T
SLE SLE SLE Control

FIGURE 6C

10036901.134901

Figure 7.

Anti- L1 p40 Autoantibody in Human Sera

